



Custom Dynamics® Batwing Fairing AW2 Vent Trim Installation Instructions

We thank you for purchasing the Custom Dynamics® Batwing Fairing AW2 Vent Trim. Our products utilize the latest technology and high quality components to ensure you the most reliable service. We offer one of the best warranty programs in the industry and we back our products with excellent customer support, if you have questions before or during installation of this product please call Custom Dynamics® at 1(800) 382-1388.

Part Number: CD-VENT-AW2-B
CD-VENT-AW2-BB
CD-VENT-AW2-C

Package Contents:

- AW2 Vent Trim LED (1)
- 4" Cable Ties (6)
- Instructions (1)

Fits: 2014-2024 Harley-Davidson® Ultra Limited (FLHTK), 2014-2023 Street Glide (FLHX), Street Glide Special (FLHXS), 2022-2023 Street Glide ST (FLHXST), 2015-2022 CVO™ Street Glide (FLHXSE), 2019-2022 Electra Glide Standard (FLHT), 2014-2019 Electra Glide Ultra Classic (FLHTCU), 2015-2016 Ultra Classic Lo (FLHTCUL), 2015-2018 Ultra Limited Lo (FLHTKL), 2014-2021 CVO™ Limited (FLHTKSE), 2014-2025 Tri Glide (FLHTCUTG) and 2020-2022 CVO™ Tri Glide (FLHTCUTGSE).

Note: Replace the factory batwing fairing vent (OEM Part 29200007).



Safety First: Make sure the motorcycle is parked on a level surface and bike's mechanical components are cool to the touch. To prevent electrical shock, disconnect the negative battery terminal from the battery before beginning installation.

Note: You will have to remove the outer front fairing in order to complete this installation. Please refer to your manufacturer service manual if unsure of this procedure.

Important: It is recommended that the installation of this product should be performed in a controlled environment with constant temperature of 70F or above to allow proper adhesion. low 24 hours before riding or washing the motorcycle.

Note: Scan the QR code for a tech tip video on how to install the AW2 Vent Trim into your fairing.

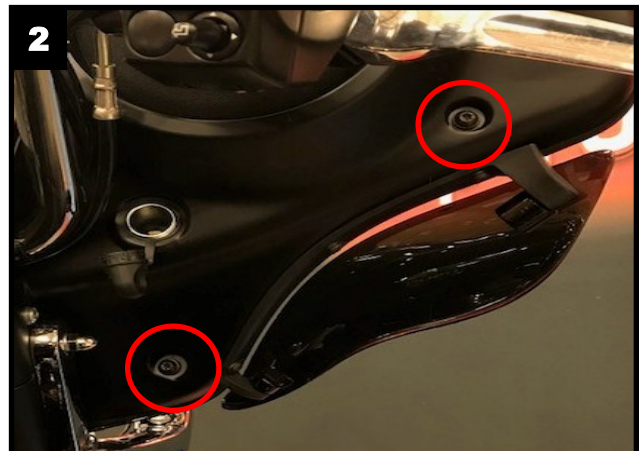


Installation:

1. Remove the three T27 Torx screws from the outer fairing. Shown in **Figure 1**. Remove the windshield and store in a safe place.
2. Reinstall the center T27 Torx screws to secure fairing to remove the remaining inner fairing screws.



3. Remove the two T27 Torx screws from the left and right side of inner fairing. Shown in Figure 2.

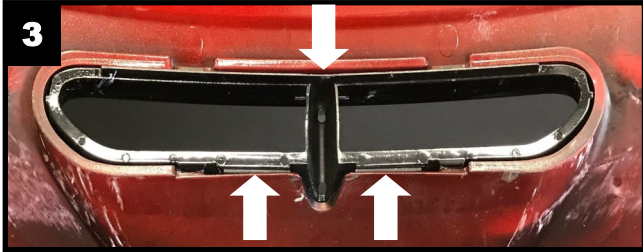


Questions? Email: info@CustomDynamics.com or Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

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Installation Continued:

4. Standing in front of the motorcycle and holding the fairing, remove the center T27 Torx screw and pull the fairing slightly away from the motorcycle.
5. Disconnect the headlight connector and set the fairing on a protected flat surface to prevent damage.
6. From the backside of the fairing, carefully use a razor knife or other tool to remove the three pieces of double sided tape holding the OEM vent trim in place. Shown in **Figure 3**.



7. Remove the OEM vent trim from the fairing.
8. Use denatured alcohol to clean the top and bottom of the vent opening to remove the debris from the doubled sided tape.
9. Remove the red protective tape from the Custom Dynamics® Batwing Fairing AW2 Vent Trim.
10. Install the new Custom Dynamics® Batwing Fairing AW2 Vent Trim into the vent opening on the fairing. Place the top of the AW2 Vent Trim in position first, shown in **Figure 4**, then push the bottom of the AW2 Vent Trim into position.



11. Confirm that you have all four of the AW2 Vent Trim retaining tabs snapped into position on the backside of the fairing. Shown in **Figure 5**.



12. Remove the 1/2" nuts that secure the Right turn signal housing to the fork. Store in a safe place for reinstallation later. Pull assembly away from the fork to reveal the black JAE wiring connector.
13. Unplug the black JAE wiring connector by pushing in on the tab located on the male side of the connection. Push the tab and pull apart both sides at the same time. Remove the turn signal assembly from the motorcycle completely and store in a safe place for reinstallation shortly. Repeat on opposite side.
14. While holding the front outer fairing in front of the motorcycle, plug the male connector of the AW2 Vent Light pass-through harness into the female connector of the OEM turn signal wiring connector.
15. Push the AW2 Vent Light female connector of the Pass-through harness into the hole in the fork as shown in **Figure 6**. Repeat on opposite side.



16. Using supplied Cable Ties to secure wiring from being cut, frayed or pinched.
17. Reinstall outer fairing and all parts removed in reverse order.
18. Test the Custom Dynamics® Batwing Fairing AW2 Vent Trim for proper operation.